

Abstract

A high dispersible hydrophobic fine silica powder can be made, wherein the silica powder has hydrophobicity of more than 50 %, triboelectrostatic charge of more than $-500 \mu \text{C/g}$, decomposition rate of an organic group on the powder surface of less than 15 %, transmittance of a 5 % alcoholic dispersion liquid of more than 40 % preferably, and a specific surface area of more than $200 \text{ m}^2/\text{g}$. This high dispersible hydrophobic fine silica powder can be made by mixing a hydrophobic agent comprising a volatile organic silicon compound in the gas state with a fine silica powder in a fluidized bed type reaction vessel at the time of a hydrophobic treatment, and controlling a gas flow rate to more than 5.0 cm/sec at the time of this mixing.